

PATENT ASSIGNMENT RECORDATION COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1-511 U.S. PTO
09/358738

1. Name of conveying party(ies):
 Craig S. Chamberlain, Dean E. Feyma,
 Steven J. Heilig, and Elaine M. Yorkgitis

2. Name and address of receiving party(ies)

Minnesota Mining and Manufacturing Company
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427

Additional names of conveying party(ies) attached?

☒ Yes ☐ No3. Nature of conveyance: ☒ AssignmentExecution Date(s): September 5, 1997;September 11, 1997; September 9, 1997; andSeptember 4, 1997

DUE DATE(S) _____

ATTORNEY

DOCKETED

SAB
RJR

4. Application number or patent number:

☐ This document is being filed with a new patent application on _____.☒ This document is to be recorded against the following patent application or patent: 08/832,652

5. Name and address of party to whom correspondence concerning document should be mailed:

Scott A. Bardell
 Minnesota Mining and Manufacturing Company
 Office of Intellectual Property Counsel
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427

6. Total number of applications and patents involved:

1

x \$40.00

\$40.00

7. Total fee (37 CFR 3.41) . . . \$40.00 . Please charge it to Deposit Account No. 13-3723

DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Scott A. Bardell

Printed Name of Attorney

Signature

SEPTEMBER 24 1997

Date

Total number of pages including cover sheet, attachments, and document:

3

Scott A. Bardell

SEP 29 1997

ASSIGNMENT

Whereas We, the below named inventors, with residences and citizenships as indicated below, have made an invention in

METHOD FOR MEASURING STRESS LEVELS IN POLYMERIC COMPOSITIONS

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified in the United States Patent and Trademark Office as U.S. Application Serial No. 08/832,652, filed April 4, 1997;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto the MINNESOTA MINING AND MANUFACTURING COMPANY (sometimes designated as the Minnesota Mining & Manufacturing Company), a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the said Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made,

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to the said Minnesota Mining and Manufacturing Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Craig S. Chamberlain

Craig S. Chamberlain

Residence: Woodbury, Minnesota, U.S.A.

Citizenship: United States of America

STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY)

On this 5th day of September 1997, before me personally appeared the above-named Craig S. Chamberlain, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.



Kathleen M. Goers

Notary Public

Dean E. Feyma
 Dean E. Feyma
 Residence: Sandstone, Minnesota, U.S.A.
 Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 11th day of September 1997, before me personally appeared the above-named, Dean E. Feyma personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.



Kathleen M. Goers
 Notary Public

Steven J. Heilig
 Steven J. Heilig
 Residence: St. Paul, Minnesota, U.S.A.
 Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 9th day of September 1997, before me personally appeared the above-named, Steven J. Heilig personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

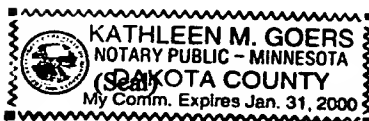


Kathleen M. Goers
 Notary Public

Elaine M. Yorkgitis
 Elaine M. Yorkgitis
 Residence: St. Paul, Minnesota, U.S.A.
 Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
 COUNTY OF RAMSEY)

On this 4th day of September 1997, before me personally appeared the above-named Elaine M. Yorkgitis, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.



Kathleen M. Goers
 Notary Public

16511 U.S. PTO
 09/358738
 07/21/99
PATENT ASSIGNMENT RECORDATION COVER SHEET

To: The Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

Submission Type:

- ☒ New
- ☐ Resubmission (Non-Recordation):
Document ID#
- ☐ Correction of PTO Error: Reel # _____ Frame #
- ☐ Corrective Document: Reel # _____ Frame #

Conveyance Type:

- ☒ Assignment DUE DATE(S) _____
- ☐ Other: ATTORNEY DOCKETED BES
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Name of conveying party(ies)**Execution Date**
(Month/Day/Year)Minnesota Mining and
Manufacturing Company
(a Corporation of Delaware)9/4/97, 9/5/97,
9/9/97, and 9/11/97**Name and address of receiving party(ies):**3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427**Additional names of conveying party(ies) attached?**

- ☐ Yes ☒ No

Application number or patent number:

- ☐ This document is being filed with a new patent application on
- ☒ This document is to be recorded against the following patent application or patent: 08/832,652

Patent Cooperation Treaty (PCT):Enter PCT application number only if a U.S. Application Number has not been assigned:**Name and address of party to whom correspondence concerning document should be mailed:**Name: Brian E. Szymanski, Phone Number: (651) 737-9138
Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427**Number of Properties:**

Enter the total number of properties involved

1

Fee Amount:

Fee Amount for Properties Listed (37 CFR 3.41)

X \$40.00

Method of Payment:

☒ Charge to Deposit Account No. 13-3723

Authorization to charge additional fees: ☒ Yes ☐ No

= \$40.00

DO NOT USE THIS SPACE**Statement and signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Brian E. Szymanski

Printed Name of Attorney

Signature

Date

6/21/99**Pages:**

Total number of pages of the attached conveyance document including any attachments

2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

ASSIGNMENT

ASSIGNOR: MINNESOTA MINING AND MANUFACTURING COMPANY
of: PO Box 33427
St. Paul, Minnesota 55133-3427
United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America does hereby claim and declare that it is the owner of all right, title and interest in and to the following Patent Application(s) or letters Patents(s) and other rights and powers obtainable or exercisable in respect thereof as numbered in United States Patent(s) and /or Patent Application(s):

Patent Application or Patent Number
08/832,652

Filing Date or Issue Date
4/4/97

Minnesota Mining and Manufacturing Company does hereby, for good and valuable consideration, effective as of April 1, 1999 received, sell, assign and transfer unto:

ASSIGNEE: 3M INNOVATIVE PROPERTIES COMPANY
of: PO Box 33427
St. Paul, Minnesota 55133-3427
United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America, its entire right, title and interest in and to the said Patent Application(s) or Letters Patent(s) including any division, continuation (in whole or in part) reissue or reexamination thereof, and consent to the recordal of this Assignment.

ASSIGNOR

Subscribed and Sworn:

At St. Paul, Minnesota 55133-3427

this 17th day of June, 1999.

MINNESOTA MINING AND
MANUFACTURING COMPANY

By: Carolyn A. Bates

Name: Carolyn A. Bates

Its: Assistant Chief Intellectual
Property Counsel

Subscribed and sworn to before me this

17th day of June, 1999

Cheryl A. Saver
Notary Public



ASSIGNEE

Accepted:

At St. Paul, Minnesota 55133-3427

this 18th day of June, 1999.

3M INNOVATIVE PROPERTIES
COMPANY

By: Gary L. Griswold

Name: Gary L. Griswold

Its: President and Chief Intellectual
Property Counsel

Subscribed and sworn to before me this

18th day of June, 1999.

Jean S. Kistler
Notary Public

